DM 10

MAGNETIC DRIVE CENTRIFUGAL PUMPS

- Product designed and constructed in Italy
- Constructed in polypropylene or PVDF
- Under head use
- Extremely easy to maintain
- Suitable for continuous use

DM10PP, standard thrust bearing, EPDM o-ring, Ø 98 mm impeller, BSP fitting, MEC motor flange, 071 casing.

DM PUMPS CODES ENCODING

ex. DM10P-SD1BE071

DM10, standard thrust bearing, EPDM o-ring, Ø 98 mm impeller, BSP fitting, MEC motor flange, 071 casing.

<table>
<thead>
<tr>
<th>PUMP MODEL</th>
<th>P</th>
<th>S</th>
<th>D</th>
<th>1</th>
<th>B</th>
<th>E</th>
<th>071</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM06</td>
<td>P</td>
<td>S</td>
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<td>DM10</td>
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<td>DM15</td>
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<td>071</td>
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<tr>
<td>DM30</td>
<td>P</td>
<td>S</td>
<td>D</td>
<td>1</td>
<td>B</td>
<td>E</td>
<td>071</td>
</tr>
<tr>
<td></td>
<td>P - Polypropylene</td>
<td>S - Standard (ceramic + PTFE Graphite)</td>
<td>D - EPDM V - Viton®</td>
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<td>FC - PVDF+CF</td>
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</tbody>
</table>

* Only the pump can be supplied, with American flange, for coupling with NEMA motor

DEBEM srl - Via Del Bosco, 41 - 21052 Busto Arsizio (VA) Italy - Tel. +39 0331 074034 - Fax +39 0331 074036 - info@debem.it - www.debem.com
DM 10
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Specifications and types

<table>
<thead>
<tr>
<th>Suction fittings</th>
<th>6 1/2 or DN 40 - NPT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Delivery fittings</td>
<td>6 1&quot; m or DN 25 - NPT</td>
</tr>
<tr>
<td>Max flow rate</td>
<td>13 m³/h</td>
</tr>
<tr>
<td>Max head</td>
<td>14 m</td>
</tr>
<tr>
<td>Viscosity up to</td>
<td>150 cps</td>
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</tbody>
</table>

PP

PVDF

Suction fittings
6 1" to DN 40 - NPT

Delivery fittings
6 1" to DN 25 - NPT

Max flow rate
13 m³/h

Max head
14 m

Viscosity up to
150 cps

Ø 98 mm (Standard)

Ø 85 mm

Ø 70 mm

IMPELLER

Motor 0.55 Kw (3 HP)

Motor 0.75 Kw (4 HP)

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Motor 0.55 Kw (3 HP)</th>
<th>Motor 0.75 Kw (4 HP)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ø 98 mm</td>
<td>up to 1.1 g/cm³</td>
<td>up to 1.5 g/cm³</td>
</tr>
<tr>
<td>Ø 85 mm</td>
<td>up to 1.6 g/cm³</td>
<td>up to 2.0 g/cm³</td>
</tr>
<tr>
<td>Ø 70 mm</td>
<td>up to 2.0 g/cm³</td>
<td>up to 2.0 g/cm³</td>
</tr>
</tbody>
</table>

Operating temperature and weights:

PP

PVDF

The weights refer to the pump without the motor

Standard electric motor:

Kw 0.55 HP 0.75

Casing B3+B5 RPM 2900

Three-phase 230/400 V - 50/60 HZ

2 Poles IE1 Protection IP55

Ambient temperature -30°C + 45°C

Kw 0.75 HP 1

Casing B3+B5 RPM 2900

Three-phase 230/400 V - 50/60 HZ

2 Poles IE3 Protection IP55

Ambient temperature -30°C + 45°C

Kw 0.55 HP 0.75

Casing B3+B5 RPM 2900

Single-phase

Ambient temperature -30°C + 45°C

Kw 0.75 HP 1

Casing B3+B5 RPM 2900

Single-phase

Ambient temperature -30°C + 45°C

Electric motors available on request:

SINGLE-PHASE

ATEX

NEMA 56C* / 143 TC*

*(Only pump available, with American flange, for coupling with NEMA motor - the motor is not available in our standard)
The curves and performances refer to pumps with open delivery outlet, with water at 20°C, 50 Hz two-pole motor (2900 RPM).
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Specifications and types

Seal o-ring materials:
- EPDM
- VITON®

Package:
- Pump with 0.55 Kw motor
- Wooden crate
cm 50 x 25 x 35 – weight 7 Kg
  (The weight refers to the package only, without the pump)

- Pump with 0.75 Kw motor
- Wooden crate
cm 55 x 28 x 42 – weight 10 Kg
  (the weight refers to the package only, without the pump)

FLANGE KIT (DIN standard - ANSI available on request):
- KITFLANGMB080P (POLYPROPYLENE)
- KITFLANGMB080F (PVDF)

The total length of the pump can vary based on the type of motor requested.

MAIN APPLICATION SECTORS

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